

ISIS-4718

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Pre Amended
2A*

In re patent application of:

Phillip D. Cook and Muthiah Manoharan

Serial No.: Not yet assigned

Group No.: Not yet assigned

Filed: Herewith

Examiner: Not yet assigned

For: Phosphorothioate Oligonucleotides Having Modified
Internucleoside Linkages

Assistant Commissioner for
Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Prior to examination of the above referenced application, Applicants respectfully request entry of the following amendment, without prejudice:

In the claims:

Please cancel claims 1 and 16.

Please amend claims 2-15 and 17-19 as indicated below:

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2. The method of claim ~~10~~ wherein L_1 is a Sp phosphorothioate internucleoside linkage and L_2 is a racemic phosphorothioate internucleoside linkage.

3. The method of claim ~~10~~ wherein L_1 and L_2 both are Sp phosphorothioate internucleoside linkages.

4. The method of claim ~~10~~ wherein L_1 is a Rp phosphorothioate